

Human induced pluripotent stem cells pave the road for a better understanding of motor neuron disease.

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Public Summary:

Scientific Abstract:

While motor neuron diseases are currently incurable, induced pluripotent stem cell research has uncovered some disease relevant phenotypes. We will discuss strategies to model different aspects of motor neuron disease and the specific neurons involved in the disease. We will then describe recent progress to investigate common forms of motor neuron disease: amyotrophic lateral sclerosis, hereditary spastic paraplegia, and spinal muscular atrophy.

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